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## Patent Abstracts of Japan

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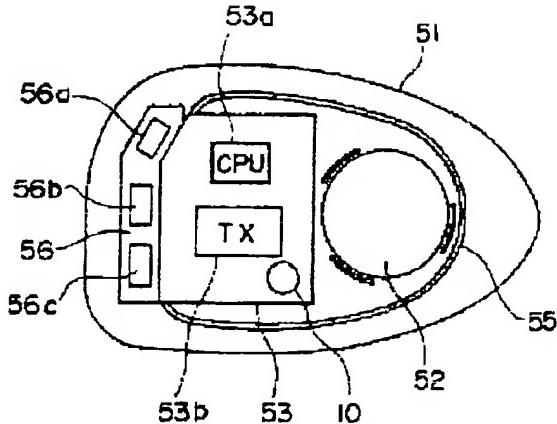
APPLICATION DATE : 04-02-98  
APPLICATION NUMBER : 10038080

APPLICANT : MITSUMI ELECTRIC CO LTD;

INVENTOR : NAKAJIMA KATSUYOSHI;

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TITLE : WIRELESS MOUSE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a wireless mouse which can prolong the battery life by adding the fact that the mouse actually has moved to resetting conditions of the sleep mode of a CPU.

SOLUTION: The wireless mouse is equipped with a case 51, a roller ball 52 which rotates by friction against an external stationary body accompanying the movement of the case 51, a signal processing circuit 53a which processes a position information signal based upon the rotation of the roller ball 52, a transmitting circuit 53b which sends the position information signal processed by the signal processing circuit 53a to a host system by radio, a battery 54a which supplies electric power to the signal processing circuit 53a and a transmitting circuit 53b, and a vibration detecting mechanism 10 which detects vibration applied to the case 51 and outputs a vibration detection signal. The signal processing circuit 53a, once receiving the vibration detection signal, has a transition from the sleep mode to an operation mode to process the position information signal in the operation mode and moves to the sleep mode again a certain time later.

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